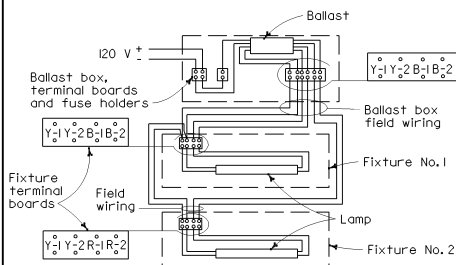
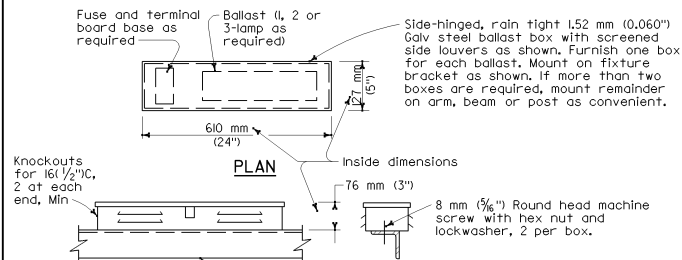
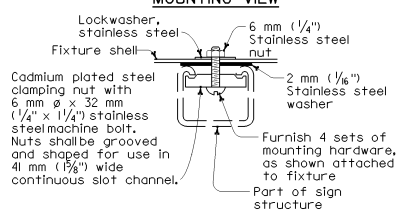
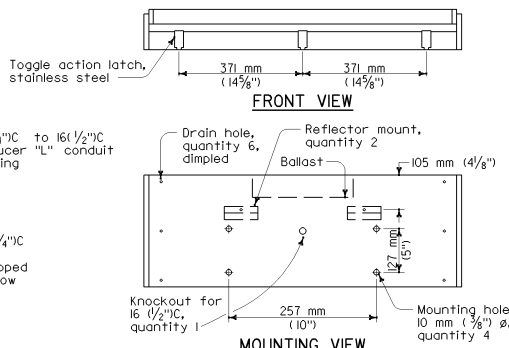
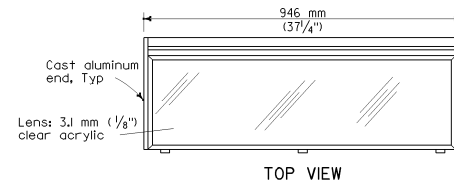


LIGHTING FIXTURE MOUNTING DETAIL (TYPICAL)



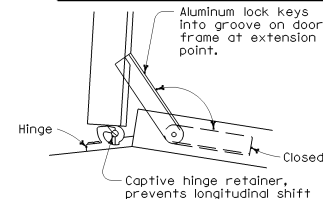
TYPICAL FIXTURE WIRING DIAGRAM (TWO LAMP)

TYPICAL WIRING AND SIGN SWITCH INSTALLATION DETAILS



FIXTURE MOUNTING ON CONTINUOUS SLOT CHANNEL

| | | | | | |
|---|--------|-------|------------------------------|-----------|--------------|
| DIST | COUNTY | ROUTE | KILOMETER POST TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
| <p>Theresa Gabriel REGISTERED PROFESSIONAL ENGINEER No. 151249 Exp. 6-30-04 ELECTRICAL STATE OF CALIFORNIA</p> | | | | | |
| <p>July 1, 2002 PLANS APPROVAL DATE</p> | | | | | |
| <p>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.</p> | | | | | |
| <p>Caltrans now has a web site! To get to the web site, go to http://www.dot.ca.gov</p> | | | | | |



SIGN LOAD (WATTS) AND FUSING

| | |
|-----------------------------|-------|
| 1 Lamp and ballast - 75 W | 1 A |
| 2 Lamps and ballast - 150 W | 2.5 A |
| 3 Lamps and ballast - 215 W | 3 A |

NOTES

- Wiring between ballast box and nearest fixture and between fixtures shall be run in 16 (1/2") C, Type 4 conduit.
- Conduit shall be secure to nearest member using one-hole galvanized malleable iron or steel straps at 1.5 m (5') maximum centers and brass machine screws tapped into the member.
- Ballasts and terminal boards shall be marked with legible symbols. Conductors shall be tagged and their identification marked on the corresponding terminal on the terminal board as shown on the Typical Fixture Wiring Diagram. An alternative cover design shall be submitted for approval.
- Ballast shall be one, two or three lamp types as required, rated at 800 mA.
- Each ballast shall be fused with 32 mm x 6 mm (1 1/4" x 1/4") slow-blow glass tube fuse.
- Fuseholder shall be a panel mounted type, with screw type finger knob.
- At the option of the Contractor, the fixture may be supplied with an integral ballast. The ballast box will not be required when fixtures with integral ballast are supplied.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
SIGN ILLUMINATION
915 mm (36") FLUORESCENT SIGN
ILLUMINATION EQUIPMENT

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses ("). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

ES-15B